

Amendments to the Claims

1. *(Currently Amended)* A scalable system chip ~~(1)~~ for coupling at least two data bus systems, with at least one transceiver ~~(2; 3)~~, integrated on the system chip, which is provided to create a coupling with a data bus of a first type, and with at least one controller ~~(4)~~, integrated on the system chip, to control at least one external transceiver ~~(8; 9; 10)~~, which is provided for coupling with a data bus of a second type.

2. *(Currently Amended)* A scalable system chip ~~(1)~~ as claimed in claim 1, characterized in that the system chip ~~(1)~~ is equipped with a terminal connection for an external microcontroller ~~(11)~~, which is controlled by the system chip ~~(1)~~ in respect of power supply, reset and interrupt, and which processes at least parts of the send and/or receive protocols of the internal and external transceivers ~~(8; 9; 10)~~.

3. *(Currently Amended)* A scalable system chip ~~(1)~~ as claimed in claim 2, characterized in that, in the event of a failure of the external microcontroller ~~(11)~~, the system chip ~~(1)~~ assumes basic control tasks for the internal transceiver ~~(2; 3)~~ and for the control of the external transceiver ~~(8; 9; 10)~~.

4. *(Currently Amended)* A scalable system chip ~~(1)~~ as claimed in claim 1, characterized in that send and/or receive signals exchanged between the external microcontroller ~~(11)~~ and the internal ~~(2; 3)~~ and external ~~(8; 9; 10)~~ transceivers are routed via the system chip ~~(1)~~, in which a level adaptation of these signals takes place if applicable.

5. *(Currently Amended)* A use of a system chip ~~(1)~~ as claimed ~~in any one of claims 1 to 4~~ claim 1 in a vehicle, for coupling multiple data bus systems of different types provided in the vehicle.